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| Application Number | 09582809 |
| Filing Date | 2000-06-30 |
| First Named Inventor | George E. Seidel |
| Art Unit | 1634 |
| Examiner Name | Carla J. Myers |
| Attorney Docket Number | XY-Lodo-USNP |

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| | 6 | Hagele, W.C., et al., Effect of Separating Bull Semen into X and Y Chromosome-bearing Fractions on the Sex Ratio of Resulting Embryos; Cran J. Comp. Med, 1984: 48:294-298 | <input type="checkbox"/> |

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| 7 | US Patent Application Number 11/422,735 filed 05/25/2006 entitled Apparatus, Methods and Processes for Sorting Particles and for Providing Sex-Sorted Animal Sperm | <input type="checkbox"/> |
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| 11 | Bailey, Tom and Currin, John Milk Production Evaluation In First Lactation Heifers; 1999 Virginia Cooperation Extension/Dairy Science Publication 404-285 | <input type="checkbox"/> |
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| 14 | Crichton,E.; Huffman,S.;McSweeney,K.;and Schenk, J. 347 Artificial Insemination of Lactating Holstein Cows with sexed sperm: Abstract CSORP Publishing - Reproduction, Fertility and Development www.publish.csiro.au/nid/44/paper/RDv18n2Ab347.htm | <input type="checkbox"/> |
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| 18 | MILK PRODUCTION Released 7-18-2006, by the National Agricultural Statistics Service (NASS), Agri. Stats. Board, US Dept of Agri. | <input type="checkbox"/> |
| 19 | De Vries, A. Economic Value of Pregnancy in Dairy Cattle Journal of Dairy Sci. 89:3876-3885/American Dairy Sci. Assoc. 2006 | <input type="checkbox"/> |
| 20 | Parallel Russian Application Number 2000120216/13, Office Action Dated May 26, 2006 | <input type="checkbox"/> |
| 21 | Parallel Japanese Application Number 2000-526614, Office Action dated May 24, 2006 | <input type="checkbox"/> |
| 22 | Parallel Japanese Application Number 2002-044035, Office Action dated May 24, 2006 | <input type="checkbox"/> |
| 23 | Johnson, L. A., Sexing mammalian sperm for production of offspring: the state-of-the-art; Animal Reproduction Science; 60-61 (2000) pp 93-107 | <input type="checkbox"/> |
| 24 | Seidel, G.E. Jr., et al., Methods of Ovum Recovery and Factors Affecting Fertilization of Superovulated Bovine Ova, Control of Reproduction in the Cow, Sneenan ed., 1978, pp 268-280 | <input type="checkbox"/> |
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| 27 | Morton, K. M., et al., In vitro and in vivo survival of bisected sheep embryos derived from frozen-thawed unsorted, and frozen-thawed sex-sorted and refrozen-thawed ram spermatozoa; Theriogenology, 65 (2006) 1333-1345 | <input type="checkbox"/> |
| 28 | Wilson, R. D., et al., In vitro production of bovine embryos using sex-sorted sperm, Theriogenology, 65 (2006) 1007-1015 | <input type="checkbox"/> |

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| 29 | Garner, D.L. et al., Viability Assessment of Mammalian Sperm Using SYBR-14 and Propidium Iodide, 1996, Biology of Reproduction, Vol.53, pp 276-284 | <input type="checkbox"/> |
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| 37 | van Munster, E. B., "Geslachtsbepaling met interferometrie", Derde prijs NtvN-prijsvraag voor pas-gepromoveerden 65/4, (Sex Determination with Interferometry) p. 95-98 (1999) | <input type="checkbox"/> |
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| 39 | Waggoner, A. W., et al., "Performance, Carcass, Cartilage Calcium, Sensory and Collagen Traits of Longissimus Muscles of Open Versus 30-month-old Heifers That Produced One Calf." J. Anim. Sci. 68:2380. 1990 | <input type="checkbox"/> |

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| 40 | Reiling, B.A., et al., "Effects of Prenatal Androgenization and Lactation on Adipose Tissue Metabolism in Finishing Single-Calf Heifers" J. Anim. Sci. Vol. 75 p. 1504-1512 (1997) | <input type="checkbox"/> |
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| 42 | Shackelford, S. D., et al, "Effects of Slaughter Age on Meat Tenderness and USDA Carcass Maturity Scores of Beef Females." J. Anim. Sci. 73:3304. (1995) | <input type="checkbox"/> |
| 43 | US Patent Application No. 10/081,955, Office Action dated March 14, 2006 (SuperO-Cont2) | <input type="checkbox"/> |

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☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

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| Signature | /Misha Gregory Macaw/ | Date (YYYY-MM-DD) | 2006-11-08 |
| Name/Print | Misha Gregory Macaw | Registration Number | 55417 |

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